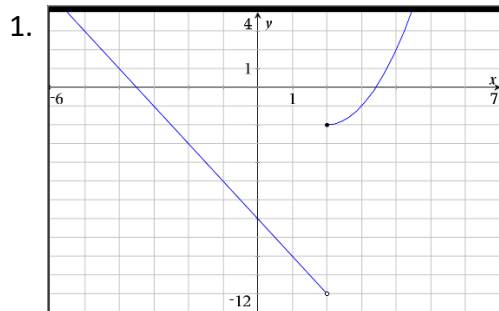


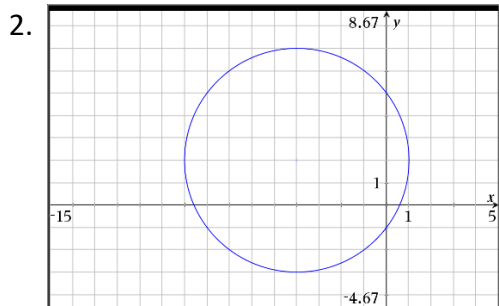
Using the provided graphs, identify the information listed.



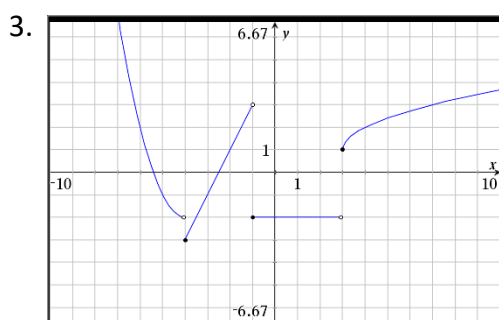
Domain: _____ Range: _____

Increasing: _____

Decreasing: _____



Domain: _____ Range: _____

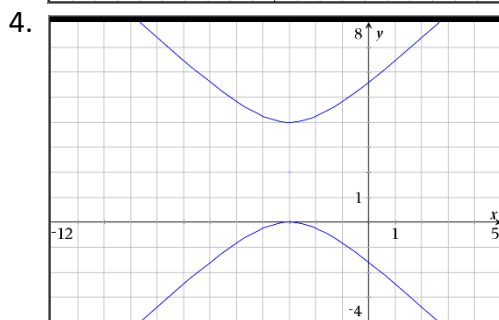


Domain: _____ Range: _____

Increasing: _____

Decreasing: _____

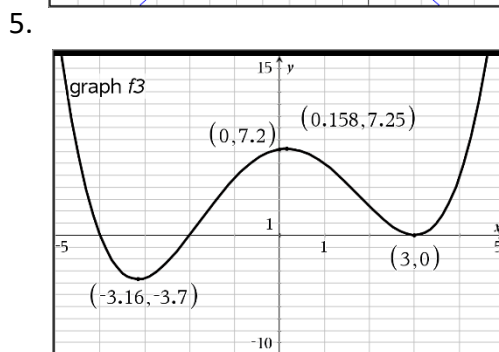
Constant: _____



Domain: _____ Range: _____

Relative max: _____ Absolute max: _____

Relative min: _____ Absolute min: _____



Domain: _____ Range: _____

Relative max: _____ Absolute max: _____

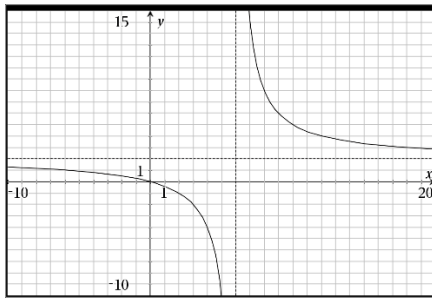
Relative min: _____ Absolute min: _____

Increasing: _____

Decreasing: _____

$x \rightarrow \infty, f(x) \rightarrow \underline{\hspace{2cm}}$ $x \rightarrow -\infty, f(x) \rightarrow \underline{\hspace{2cm}}$

6.



Domain: _____ Range: _____

With the given information about two endpoints of a segment, please state the domain and range of the segment.

7. open endpoint $(-8, 2)$

Domain: _____ Range: _____

Closed endpoint $(4, -3)$ 8. closed endpoint $(-2, 4)$

Domain: _____ Range: _____

open endpoint $(1, 4)$

From the given equations, state the domain and range. Please do not use a graphing calculator.

10. $f(x) = |x + 7|$

Domain: _____ Range: _____

11. $h(x) = \frac{x+6}{x-5}$

Domain: _____ Range: _____

12. $j(x) = -4x + 9$

Domain: _____ Range: _____

13. $g(x) = \sqrt{2x + 5}$

Domain: _____ Range: _____

14. $f(x) = \frac{2x-5}{x^2+3x-10}$

Domain: _____ Range: _____